



# Alberta Crude Bitumen Production

Monthly Statistics

January 2011



# Alberta Crude Bitumen Production

## Monthly Statistics

September 2000



## MONTHLY STATISTICS

| OPERATOR                        | AREA/SECTOR  | APPROVAL | PRODUCTION RATES PER CALENDAR DAY (m <sup>3</sup> ) |               |               |               |               |               |               |     |     |     |     |     | Average |
|---------------------------------|--------------|----------|---|---------------|---------------|---------------|---------------|---------------|---------------|-----|-----|-----|-----|-----|---------|
|                                 |              |          | Jan   | Feb           | Mar           | Apr           | May           | Jun           | Jul           | Aug | Sep | Oct | Nov | Dec |         |
| <b>COMMERCIAL SCHEMES</b>       |              |          |   |               |               |               |               |               |               |     |     |     |     |     |         |
| ELAN                            | Lindbergh    | 4746     | 838   | 843           | 845           | 808           | 810           | 810           | 793           |     |     |     |     |     | 821     |
| PanCanadian                     | Lindbergh    | 6099     | 7   | 12            | 11            | 9             | 8             | 15            | 10            |     |     |     |     |     | 10      |
| Murphy                          | Lindbergh    | 6410     | 45  | 53            | 61            | 57            | 45            | 54            | 52            |     |     |     |     |     | 52      |
| ELAN                            | Elk Point    | 6726     | 260   | 246           | 246           | 254           | 244           | 228           | 233           |     |     |     |     |     | 244     |
| Suncor                          | Primrose     | 6804     | 290   | 278           | 272           | 281           | 268           | 262           | 246           |     |     |     |     |     | 271     |
| Amoco                           | Primrose     | 7407     | 4 365   | 5 177         | 4 658         | 4 965         | 4 847         | 4 557         | 4 159         |     |     |     |     |     | 4 675   |
| Amoco                           | Wolf Lake    | 7922     | 286   | 265           | 238           | 250           | 336           | 388           | 592           |     |     |     |     |     | 337     |
| Shell                           | Peace River  | 8143     | 895   | 718           | 602           | 607           | 644           | 647           | 656           |     |     |     |     |     | 681     |
| Imperial                        | Cold Lake    | 8558     | 18 514  | 18 089        | 17 571        | 18 298        | 18 626        | 19 678        | 19 074        |     |     |     |     |     | 18 550  |
| <b>Total Commercial **</b>      |              |          | <b>25 499</b>                                       | <b>25 680</b> | <b>24 505</b> | <b>25 529</b> | <b>25 828</b> | <b>26 639</b> | <b>25 816</b> |     |     |     |     |     |         |
| <b>PRIMARY RECOVERY SCHEMES</b> |              |          |   |               |               |               |               |               |               |     |     |     |     |     |         |
| Norcen                          | Lindbergh    | 5692     | 52  | 46            | 44            | 41            | 35            | 74            | 72            |     |     |     |     |     | 52      |
| CNRL                            | Frog Lake    | 6280     | 1 128   | 1 105         | 1 160         | 1 104         | 1 059         | 1 091         | 1 024         |     |     |     |     |     | 1 096   |
| Norcen                          | Lindbergh    | 6292     | 360   | 390           | 447           | 493           | 525           | 580           | 472           |     |     |     |     |     | 467     |
| PanCanadian                     | Lindbergh    | 6512     | 23  | 23            | 18            | 11            | 9             | 15            | 18            |     |     |     |     |     | 17      |
| PanCanadian                     | Pelican Lake | 6619     | 536   | 622           | 657           | 662           | 645           | 575           | 650           |     |     |     |     |     | 621     |
| CNRL                            | Brintnell    | 6723     | 2 126   | 2 235         | 2 810         | 3 054         | 3 336         | 3 578         | 3 556         |     |     |     |     |     | 2 956   |
| Norwest                         | Lindbergh    | 6764     | 184   | 174           | 177           | 171           | 155           | 138           | 146           |     |     |     |     |     | 163     |
| PanCanadian                     | Frog Lake    | 6984     | 230   | 224           | 242           | 235           | 230           | 219           | 215           |     |     |     |     |     | 228     |
| ELAN                            | Lindbergh    | 7055     | 0   | 2             | 0             | 0             | 2             | 3             | 2             |     |     |     |     |     | 2       |
| ELAN                            | Lindbergh    | 7118     | 184   | 162           | 179           | 165           | 158           | 140           | 141           |     |     |     |     |     | 162     |
| PanCanadian                     | Lindbergh    | 7138     | 80  | 93            | 106           | 161           | 190           | 207           | 206           |     |     |     |     |     | 149     |
| AEC                             | Frog Lake    | 7164     | 161   | 171           | 158           | 174           | 168           | 153           | 176           |     |     |     |     |     | 166     |
| ELAN                            | Lindbergh    | 7303     | 3   | 0             | 0             | 0             | 0             | 0             | 0             |     |     |     |     |     | 3       |
| Koch                            | Beaverdam    | 7306     | 490   | 512           | 425           | 508           | 563           | 537           | 482           |     |     |     |     |     | 502     |
| Husky                           | Frog Lake    | 7344     | 16  | 11            | 10            | 15            | 15            | 14            | 29            |     |     |     |     |     | 16      |
| ELAN                            | Lindbergh    | 7389     | 5   | 5             | 4             | 5             | 4             | 4             | 5             |     |     |     |     |     | 4       |
| Purchase                        | Lindbergh    | 7515     | 107   | 124           | 140           | 138           | 158           | 169           | 158           |     |     |     |     |     | 142     |



|                            |               | Jan  | Feb   | Mar   | Apr   | May   | Jun   | Jul   | Aug   | Sep | Oct | Nov | Dec | Average |
|----------------------------|---------------|------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|-----|---------|
| <b>PRIMARY (continued)</b> |               |      |       |       |       |       |       |       |       |     |     |     |     |         |
| PanCanadian                | Lindbergh     | 7689 | 75    | 65    | 77    | 90    | 98    | 107   | 93    |     |     |     |     | 86      |
| PanCanadian                | Lindbergh     | 7700 | 90    | 119   | 145   | 156   | 179   | 177   | 184   |     |     |     |     | 150     |
| PanCanadian                | Frog Lake     | 7771 | 126   | 107   | 105   | 102   | 114   | 118   | 96    |     |     |     |     | 110     |
| Husky                      | Frog Lake     | 7812 | 99    | 93    | 98    | 96    | 85    | 90    | 87    |     |     |     |     | 93      |
| Poco                       | Frog Lake     | 7895 | 0     | 0     | 0     | 5     | 2     | 4     | 3     |     |     |     |     | 3       |
| Poco                       | Frog Lake     | 7920 | 78    | 74    | 53    | 60    | 56    | 64    | 76    |     |     |     |     | 66      |
| Numac                      | Wolf Lake     | 7936 | 267   | 261   | 272   | 311   | 312   | 415   | 385   |     |     |     |     | 318     |
| CNRL                       | Brintnell     | 7964 | 1 102 | 921   | 950   | 909   | 940   | 825   | 780   |     |     |     |     | 918     |
| Husky                      | Frog Lake     | 7990 | 380   | 409   | 403   | 401   | 418   | 371   | 371   |     |     |     |     | 393     |
| ELAN                       | Beaverdam     | 8002 | 6     | 5     | 5     | 4     | 5     | 8     | 11    |     |     |     |     | 6       |
| PanCanadian                | Lindbergh     | 8003 | 25    | 23    | 22    | 30    | 29    | 26    | 27    |     |     |     |     | 26      |
| PanCanadian                | Elk Point     | 8004 |       |       |       |       | 1     | 2     | 2     |     |     |     |     | 2       |
| Koch                       | Lindbergh     | 8017 | 653   | 686   | 868   | 901   | 962   | 906   | 804   |     |     |     |     | 826     |
| Koch                       | Frog Lake     | 8018 | 1     | 0     | 8     | 4     | 3     | 2     | 2     |     |     |     |     | 3       |
| PanCanadian                | Frog Lake     | 8030 | 8     | 7     | 7     | 9     | 8     | 8     | 6     |     |     |     |     | 8       |
| Koch                       | Lindbergh     | 8035 | 12    | 13    | 67    | 40    | 31    | 26    | 17    |     |     |     |     | 29      |
| Norcen                     | St. Paul      | 8041 | 7     | 8     | 0     | 6     | 10    | 16    | 6     |     |     |     |     | 9       |
| CNRL                       | Bonnyville    | 8042 | 288   | 278   | 260   | 266   | 243   | 266   | 246   |     |     |     |     | 264     |
| Ranger                     | Cold Lake     | 8043 | 45    | 46    | 53    | 135   | 142   | 140   | 185   |     |     |     |     | 106     |
| ELAN                       | Lindbergh     | 8050 | 348   | 307   | 351   | 352   | 322   | 327   | 352   |     |     |     |     | 337     |
| Amber                      | Brintnell     | 8061 | 989   | 1 097 | 1 015 | 1 089 | 1 182 | 1 236 | 1 307 |     |     |     |     | 1 130   |
| CNRL                       | Bonnyville    | 8066 | 39    | 35    | 32    | 31    | 27    | 28    | 25    |     |     |     |     | 31      |
| Murphy                     | Lindbergh     | 8069 | 114   | 110   | 108   | 94    | 87    | 83    | 80    |     |     |     |     | 96      |
| Barrington                 | St. Paul      | 8075 | 40    | 49    | 43    | 47    | 40    | 39    | 44    |     |     |     |     | 43      |
| CNRL                       | Lindbergh     | 8087 | 40    | 51    | 49    | 60    | 65    | 57    | 52    |     |     |     |     | 54      |
| Union                      | Lind/St. Paul | 8103 | 371   | 462   | 555   | 699   | 671   | 611   | 728   |     |     |     |     | 585     |
| PanCanadian                | St. Paul      | 8114 | 5     | 4     | 5     | 7     | 6     | 3     | 3     |     |     |     |     | 5       |
| Barrington                 | Lindbergh     | 8118 | 63    | 67    | 56    | 55    | 60    | 51    | 62    |     |     |     |     | 59      |
| PanCanadian                | Lindbergh     | 8136 | 30    | 30    | 30    | 33    | 30    | 35    | 33    |     |     |     |     | 32      |
| PanCanadian                | Lindbergh     | 8144 | 66    | 76    | 69    | 63    | 60    | 58    | 50    |     |     |     |     | 63      |
| CNRL                       | Frog Lake     | 8161 | 117   | 120   | 148   | 158   | 166   | 164   | 141   |     |     |     |     | 145     |


|  |              | Jan  | Feb    | Mar    | Apr    | May    | Jun    | Jul    | Aug    | Sep | Oct | Nov | Dec | Average |
|--|--------------|------|--------|--------|--------|--------|--------|--------|--------|-----|-----|-----|-----|---------|
| <b>PRIMARY (continued)</b>             |              |      |        |        |        |        |        |        |        |     |     |     |     |         |
| CNRL                                   | Beaverdam    | 8162 | 1 241  | 1 210  | 1 211  | 1 235  | 1 182  | 1 156  | 1 114  |     |     |     |     | 1 193   |
| ELAN                                   | Beaverdam    | 8179 | 366    | 446    | 464    | 475    | 503    | 446    | 434    |     |     |     |     | 448     |
| Anderson                               | Frog Lake    | 8202 | 60     | 44     | 46     | 55     | 41     | 41     | 41     |     |     |     |     | 47      |
| ELAN                                   | Cold Lake    | 8207 | 7      | 2      | 2      | 0      | 2      | 4      | 3      |     |     |     |     | 3       |
| Koch                                   | Ashmont      | 8215 |        | 7      | 4      | 3      | 3      | 2      | 2      |     |     |     |     | 4       |
| AEC                                    | Pelican Lake | 8265 | 591    | 506    | 500    | 509    | 423    | 400    | 471    |     |     |     |     | 486     |
| Northstar                              | Panny        | 8304 | 6      | 7      | 8      | 6      | 5      | 6      | 4      |     |     |     |     | 6       |
| CNRL                                   | Wolf Lake    | 8319 | 42     | 38     | 39     | 38     | 43     | 39     | 37     |     |     |     |     | 40      |
| Barrington                             | Beaverdam    | 8341 | 104    | 165    | 234    | 253    | 272    | 247    | 245    |     |     |     |     | 217     |
| Union                                  | Cold Lake    | 8434 | 106    | 103    | 91     | 70     | 72     | 54     | 66     |     |     |     |     | 80      |
| CNRL                                   | Bonnyville   | 8536 | 252    | 312    | 337    | 338    | 363    | 372    | 348    |     |     |     |     | 332     |
| Predator                               | Beaverdam    | 8566 | 21     | 27     | 20     | 11     | 19     | 18     | 9      |     |     |     |     | 18      |
| Crispin                                | Mann Lake    | 8567 | 4      | 7      | 9      | 19     | 25     | 28     | 28     |     |     |     |     | 17      |
| Crestar                                | Saleski      | 8584 |        | 0      | 0      | 0      | 0      | 0      | 0      |     |     |     |     | 0       |
| Anderson                               | Frog Lake    | 8611 |        |        |        | 34     | 31     | 31     | 25     |     |     |     |     | 30      |
| Genesis                                | Beaverdam    | 8636 |        |        |        |        |        | 0      | 47     |     |     |     |     | 23      |
| <b>Total Primary **</b>                |              |      | 13 968 | 14 807 | 15 396 | 16 192 | 16 591 | 16 604 | 16 483 |     |     |     |     | 15 720  |
| <b>CONVENTIONAL BITUMEN RECOVERY *</b> |              |      |        |        |        |        |        |        |        |     |     |     |     |         |
|  |              |      | 1 742  | 1 900  | 2 201  | 2 434  | 2 203  | 2 502  | 2 538  |     |     |     |     | 2 217   |
| <b>EXPERIMENTAL SCHEMES **</b>         |              |      |        |        |        |        |        |        |        |     |     |     |     |         |
|  |              |      | 747    | 766    | 719    | 733    | 801    | 866    | 964    |     |     |     |     | 799     |
| <b>TOTAL ***</b>                       |              |      | 41 956 | 42 643 | 42 821 | 44 889 | 45 423 | 46 610 | 45 801 |     |     |     |     |         |

(\*) Crude bitumen production not associated with an approved oil sands project  
(\*\*) Experimental production does not include Northstar Athabasca (Approval 6809)  
(\*\*\*) Total may not add due to rounding  
(★) Amended



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